



# PUBLIC NOTICE

## FILE # NRS16.014

---

Pursuant to Chapter 0400-4-7 of the Department's rules, the proposed activity described below has been submitted for approval under an Aquatic Resource Alteration Permit and §401 Water Quality Certification. This notice is intended to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. No decision has been made whether to issue or deny this application.

**FILE NUMBER:** NRS16.014

**APPLICANT:** Mr. David Blackwood  
West TN River Basin Authority  
3628 East End Drive  
Humboldt, TN 38243  
731-784-8173

**LOCATION:** Stokes Creek South of the North Fork Forked Deer River between Eliza Creek and N. Green Hill Bottom Road, Dyer County, TN (Latitude: 35.9889/Longitude: -89.2652)

**PROJECT DESCRIPTION:**

Impact 1: Latitude: 35.9889                      Longitude: -89.2652  
Stokes Creek

The applicant proposes to restore 10,125 feet of Stokes Creek by digging a pilot channel 12 feet wide and 3 feet deep along the main channel and 10' feet wide along an eastern tributary channel. Historically, the channel had been straightened but over time sediment deposition and beaver activity has resulted in a relatively flat grade, silt dams and impoundments eliminating the streams ability to convey flow and move bedload. The proposed pilot channel would open a flowing channel and add meanders to encourage natural stream and floodplain restoration. Upon completion trees would be planted along the riparian area out to 30 feet along each side of the entire restoration and cover seeded with a native seed mix including round stone short meadow. Seeding would also occur within the channel curves and riffles.

**DETERMINATIONS:** In accordance with the Tennessee Antidegradation Statement (Rule 0400-40-03-.06), the division has determined that the proposed activities would result in less than de minimus degradation to water quality.

**WATERSHED / WATERBODY DESCRIPTION:** Stokes Creek flows into the North Fork Forked Deer River Watershed. This watershed is located in West Tennessee and includes parts of

Carroll, Crockett, Dyer, Gibson, Henderson and Madison counties It is approximately 962 square miles and drains to the Forked Deer River. See more at: <http://tn.gov/environment/article/wr-ws-north-fork-forked-deer-river-watershed#sthash.FzOVELjr.dpuf>.

Stokes Creek (TN08010204005\_1000) is in the Loess Plains (74b) ecoregion. The channel dimensions are as follows: existing channel width is variable due to impoundment and braiding across the floodplain, water depth is also variable, and bank height 1-3 feet. Typical substrate in this section is comprised of mud, silt and sand.

Stokes Creek (TN08010204005\_1000) was assessed in 2014. It is not supporting its designated uses for fish and aquatic life because of siltation due to channelization. Therefore the stream is available for the proposed restoration activity.

More details on the proposal can be viewed on the Internet at <http://www.state.tn.us/environment/ppo/#water>.

*In accordance with the Tennessee Antidegradation Statement (Rule 0400-40-03-.06), the division has determined that the proposed activity will not result in degradation to water quality.*

**Stream Name / ID #:** Stokes Creek (TN08010204005\_1000)

**Ecoregion:** Loess Plains (74b)

**Stream Dimension:** Channel width Variable  
Water depth Variable  
Bank height 1-3'

**Substrate:** Mud, Silt, Sand

<b>Designated Use</b>	<b>Use Support</b>	<b>Causes</b>
Fish and aquatic life	not supporting	channelization
Recreation	fully supporting	
Industrial water supply	fully supporting	
Irrigation	fully supporting	
Livestock watering & wildlife	fully supporting	

**Assessment Date:** 2014

**PERMIT COORDINATOR:** Brian Canada

**FACTORS CONSIDERED:** In deciding whether to issue or deny a permit, the department will consider all comments of record and the requirements of applicable federal and state laws. In making this decision, a determination will be made regarding the lost value of the resource compared to the value of any proposed mitigation. The department shall consider practicable alternatives to the alteration. The department shall also consider loss of waters or habitat, diminishment in biological diversity, cumulative or secondary impacts to the water resource, and adverse impact to unique, high quality, or impaired waters.

**COMMENTING:** Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date**

**that this notice is posted.** Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced. Send all written comments to the department's address listed below and to the attention of the permit coordinator.

**PUBLIC HEARING:** Interested persons may request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing. Send all public hearing request to the department's address listed below and to the attention of the permit coordinator.

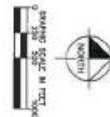
**APPEAL:** A permit appeal may be filed, pursuant to T.C.A. §§ 69-3-105(i) and Rule 0400-40-05, by the permit applicant or by any aggrieved person who participated in the public comment period announced by this notice. This petition must be filed within THIRTY (30) DAYS after public notice of the issuance of the permit. The petition must specify what provisions are being appealed and the basis for the appeal. It should be addressed to the technical secretary of the Tennessee Board of Water Quality, Oil and Gas at the following address: Tisha Benton, Director, Division of Water Resources, William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Ave, 11<sup>th</sup> floor, Nashville, TN 37243. Any hearing would be in accordance with T.C.A. §§69-3-110 and 4-5-301 et seq.

**FILE REVIEW:** The permit application, supporting documentation including detailed plans and maps, and related comments are available for review on the internet at the department's data viewer at: <http://www.tn.gov/environment/article/wr-water-resources-data-viewer>. The file may be viewed in person at the department's address (listed below) for review and/or copying.

Tennessee Department of Environment & Conservation  
Division of Water Resources, Natural Resources Unit  
William R. Snodgrass Tennessee Tower  
312 Rosa L. Parks Avenue, 11th Floor  
Nashville, Tennessee 37243

\*This document, together with the conditions and charges presented herein, is an instrument of service, a financial only, by the specific person and shall be given in full payment. State of California, Office of the Attorney General, 1201 California Street, Suite 1000, San Francisco, CA 94109-1201. (415) 774-2000. www.attorneygeneral.ca.gov

IN DEPT OF ENVIRONMENT  
AND CONSERVATION  
JAN 21 2013  
DIV OF WATER RESOURCES  
RECEIVED

[illegible]



[illegible]